

REMARKS

Drawings

The Examiner has objected to the drawings for the following reason: formal drawings for Figures 1H-1K are required for clarity.

Applicant hereby submits formal drawings for Figures 1A-1K. No new matter has been added.

In view of the foregoing, Applicant respectfully requests the Examiner to withdraw the objection to the drawings for the above reason.

Specification

The Examiner has objected to the specification for the following reason: on page 6, line 3 of paragraph [0022], the specification includes an incorrect reference numeral: "... the substrate 100 ...". It should be "... the substrate 102 ...". Correction is required by the Examiner.

Applicant hereby submits a correction of the reference numeral as described above.

In view of the foregoing, Applicant respectfully requests the Examiner to withdraw the objection to the specification for the above reason.

Claim Rejections – 35 U.S.C. § 102 (e)

The Examiner has rejected claims 11-15 under 35 U.S.C. § 102 (e) as being anticipated by Cobbley et al. (US 6,777,071).

Applicant respectfully disagrees with the Examiner. Applicant has amended claim 11. Support is provided in paragraph [0059] on page 14 of the specification.

Applicant has also added new claims 16-25. Support is provided at paragraphs [0008]-[0011] and [0013] on page 4 of the specification. Support is further provided at paragraphs [0072]-[0073] on page 17 of the specification.

Claim 11, as amended, of Applicant's claimed invention discloses a structure (400) including: an anisotropic conductive film (210), the anisotropic conductive film including a front surface and a rear surface, the anisotropic conductive film comprising particles (215A, 215B) of a consistent shape; a first raised contact (138) located over the front surface, the first raised contact forming part of a first wafer (1100); and a second raised contact (338) located over the rear surface, the second raised contact forming part of a second wafer (1300), wherein the second raised contact faces the first raised contact. See Figure 1K. Also, see paragraph [0084] on page 19 and paragraph [0102] on page 23 of the specification.

In contrast, the Cobbley et al. reference cited by the Examiner teaches an electrical interconnect formed by interposing an adhesive (9) between a first electrical contact (3) on a first substrate (1) and a second electrical contact (7) on a second substrate (5) where the two electrical contacts are aligned to each other and the adhesive includes an electrically-insulating resin containing particles (11) that are compressed to break an electrically-insulating coating on the particles to form electrically-conducting broken particles (19) with sharp edges (21). See Figure 3. Also, see col. 5, lines 66-67 and col. 6, lines 1-7. Further, see col. 7, lines 28-44.

However, Cobbley et al. fails to teach particles of a consistent shape. On the contrary, Cobbley et al. teaches particles (11) which differ in shape from broken particles (19). Thus, the reference of Cobbley et al. cited by the Examiner does not teach each and every element of claim 11 of Applicant's claimed invention and so Cobbley et al. does not anticipate claim 11 of Applicant's claimed invention.

Claims 12-15 are dependent on claim 11 of Applicant's claimed invention. Thus, the reference of Cobbley et al. cited by the Examiner also does not teach each and every element of claims 12-15 of Applicant's claimed invention and so Cobbley et al. also does not anticipate claims 12-15 of Applicant's claimed invention.

In view of the foregoing, Applicant respectfully requests the Examiner to withdraw the rejections to claims 11-15 of Applicant's claimed invention under 35 U.S.C. §102 (e).

Conclusion

Applicant believes that all claims pending, including new claims 16-25, are now in condition for allowance so such action is earnestly solicited at the earliest possible date.